



## PATENT ABSTRACTS OF JAPAN

(11) Publication number: 04126066 A

(43) Date of publication of application: 27.04.1992

(51) Int. Cl. C12M 1/02

C12M 1/34, C12M 1/42, C12N 13/00, C12N 15/02

(21) Application number: 02284775

(22) Date of filing: 23.10.1990

(30) Priority: 20.06.1990 JP 02161965

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(54) DEVICE FOR STIRRING CELL, CELL FUSION  
APPARATUS AND FLOW CYTOMETER  
APPARATUS CONTAINING THE SAME

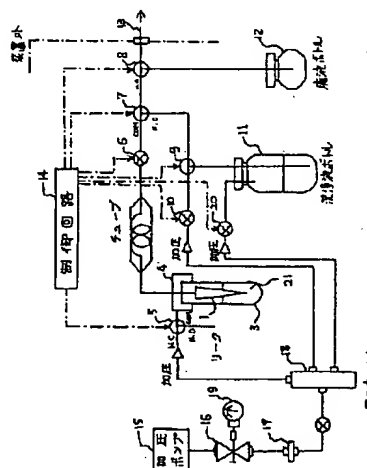
eral times to stir the suspension 21, which is further  
passed through a flow passage 31 and discharged to  
the outside.

(57) Abstract:

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PURPOSE: To enable dispersion and maintenance of  
cells at a homogeneous and nearly constant cell den-  
sity in a solution by repeating suction and discharge of  
a cell suspension from the tip of a nozzle.

CONSTITUTION: A gas pressurized with a pressuriz-  
ing pump 15 is regulated to 0.05-1.0kg/cm<sup>2</sup> pressure  
with a regulator 16, then fed through a filter 17, a man-  
ifold 18 and a valve 15 into a container 3 containing  
a cell suspension 21 and pressurized. A valve 6 is  
then opened to suck the suspension 21 from the tip of  
a nozzle 1 and temporarily held in a tube 2 to close  
the valve 6. Valves 10, 7 and 6 are subsequently  
opened to pressurize the tube 2 and the suspension  
21 in the tube 2 is then discharged into the container  
3. The aforementioned operation is repeated 1 to sev-



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